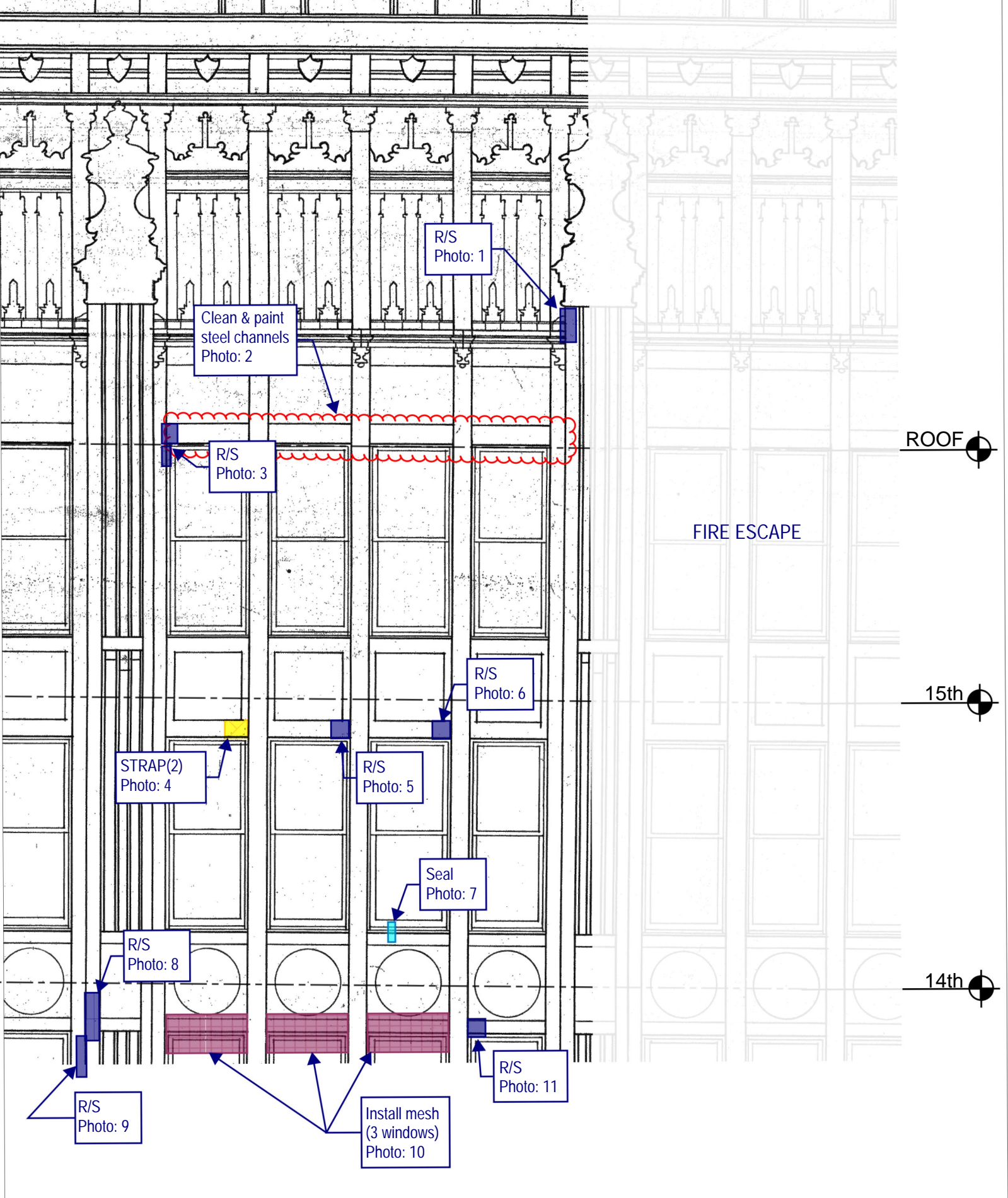


Appendix C: Temporary Stabilization Recommendations – Part 3

Note: Recommended facade stabilization repairs were completed by the Contractor as a part of the Critical Examination except at Fire Escape at west end of North Elevation



Thornton Tomasetti

Thornton Tomasetti, Inc.
330 N. Wabash Avenue, Suite 1500
Chicago, IL 60611-7822
T:312.596.2000 F:312.596.2001

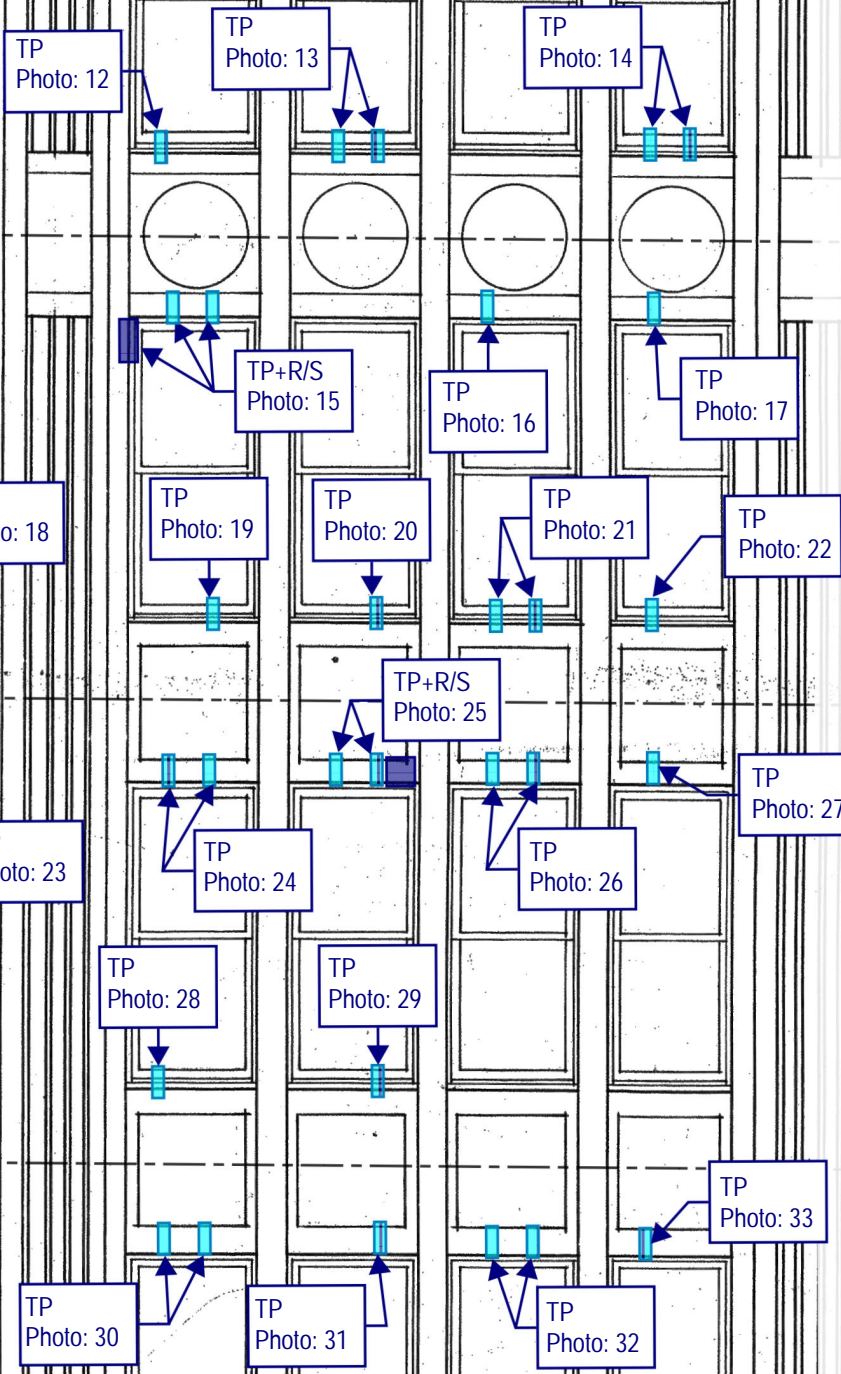
**202 SOUTH STATE STREET
CHICAGO, IL**

2020 TEMPORARY STABILIZATION REPAIRS
PROJECT: C20178 DATE: SCALE: N.T.S.

No.1	DROP 5 - NORTH ELEVATION	10/30/20	DRAWING No.
No.2			
No.3			
No.4			
No.5			

NW-101

© COPYRIGHT THORNTON TOMASETTI 2020



13th

12th

11th

FIRE ESCAPE

Thornton Tomasetti
 Thornton Tomasetti, Inc.
 330 N. Wabash Avenue, Suite 1500
 Chicago, IL 60611-7822
 T:312.596.2000 F:312.596.2001

**202 SOUTH STATE STREET
 CHICAGO, IL**

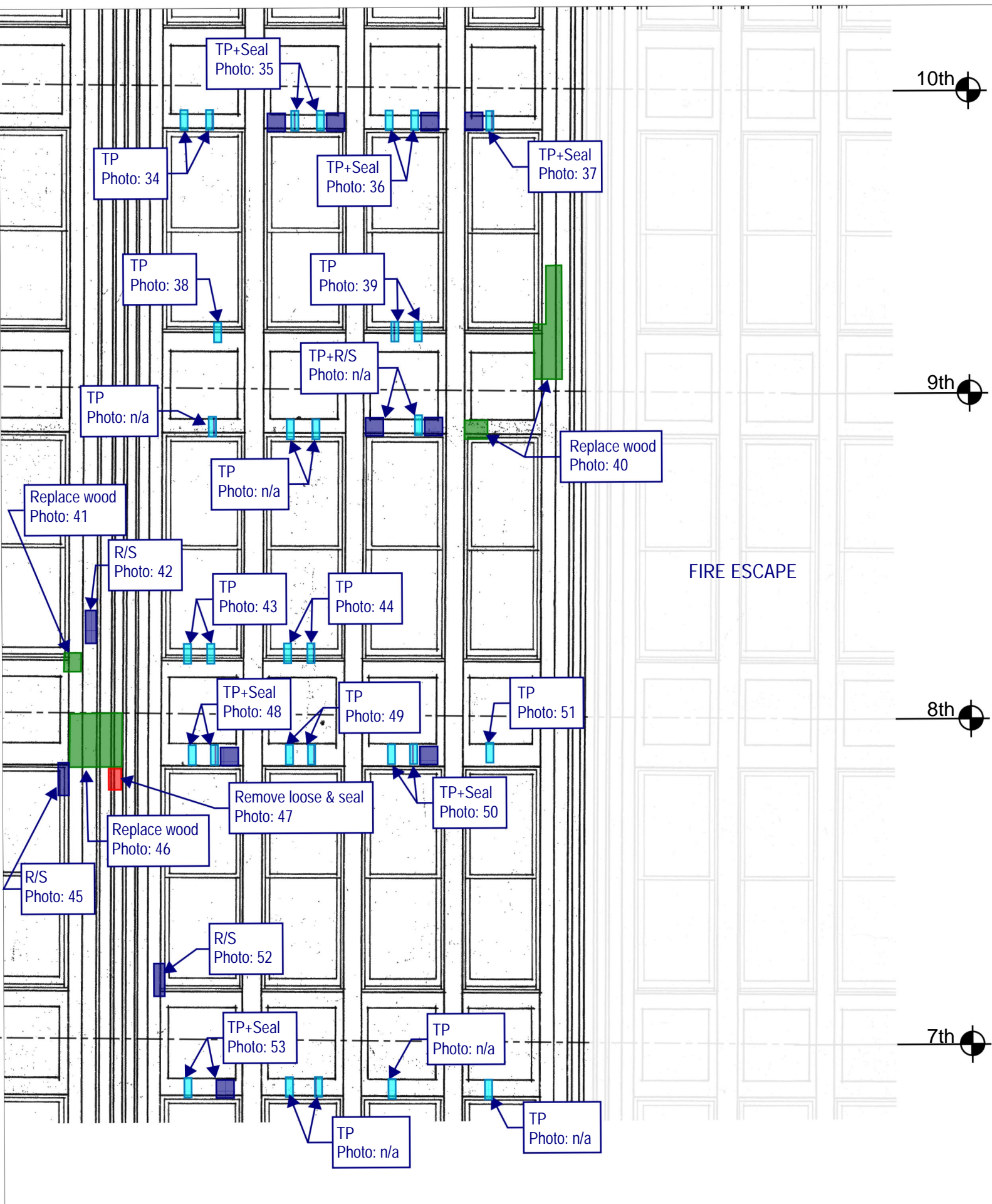
2020 TEMPORARY STABILIZATION REPAIRS
 PROJECT: C20178 DATE: SCALE: N.T.S.

No.1	DROP 5 - NORTH ELEVATION	10/30/20
No.2		
No.3		
No.4		
No.5		

DRAWING No.

NW-172

© COPYRIGHT THORNTON TOMASETTI 2020



Thornton Tomasetti

Thornton Tomasetti, Inc.
330 N. Wabash Avenue, Suite 1500
Chicago, IL 60611-7822
T:312.596.2000 F:312.596.2001

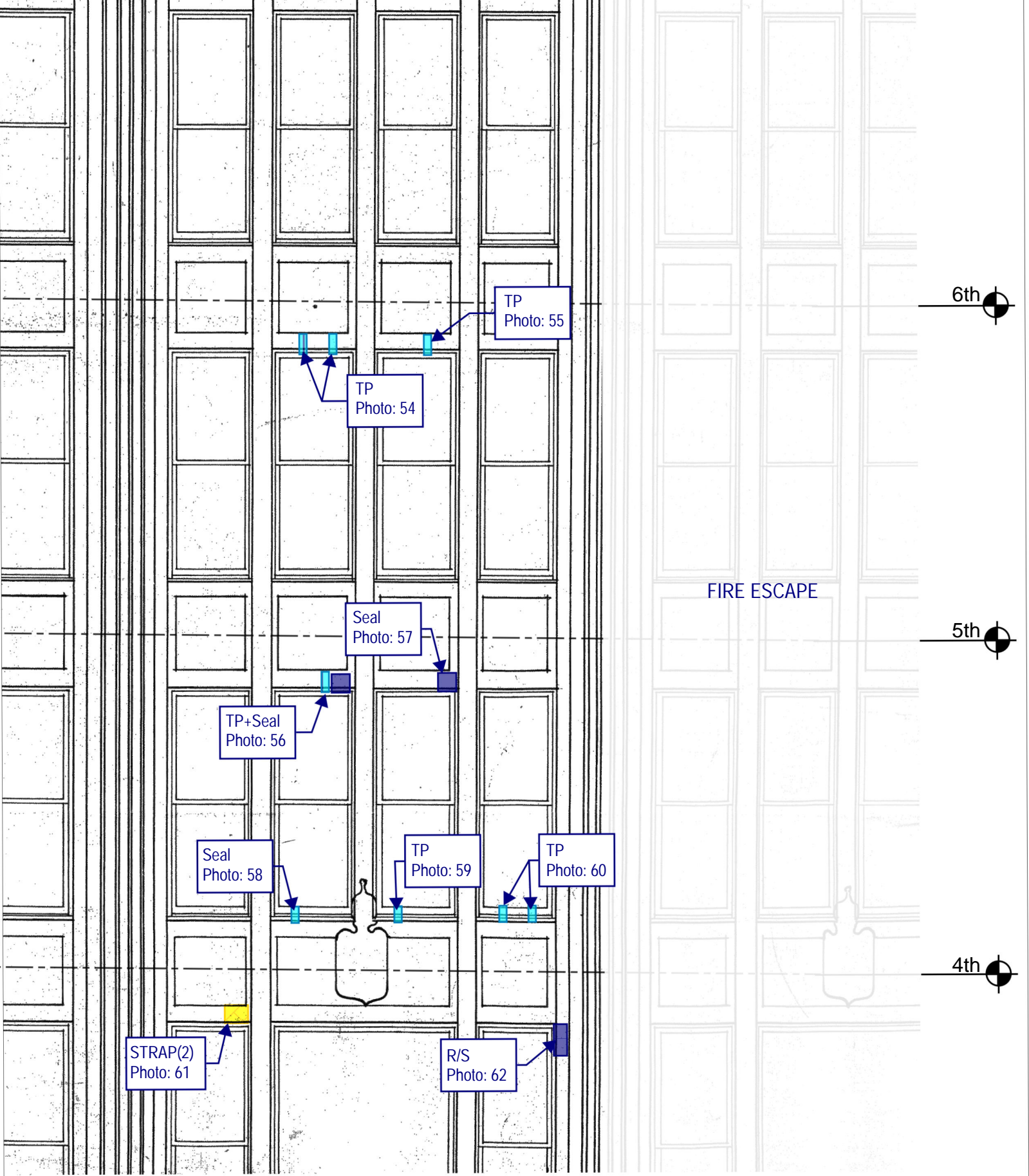
202 SOUTH STATE STREET CHICAGO, IL

2020 TEMPORARY STABILIZATION REPAIRS
PROJECT: C20178 DATE: SCALE: N.T.S.

No.1	DROP 5 - NORTH ELEVATION	10/30/20	DRAWING No.
No.2			
No.3			
No.4			
No.5			

NT-13

© COPYRIGHT THORNTON TOMASETTI 2020



Thornton Tomasetti

Thornton Tomasetti, Inc.
330 N. Wabash Avenue, Suite 1500
Chicago, IL 60611-7622
T:312.596.2000 F:312.596.2001

**202 SOUTH STATE STREET
CHICAGO, IL**

2020 TEMPORARY STABILIZATION REPAIRS
PROJECT: C20178 DATE: SCALE: N.T.S.

No.1	DROP 5 - NORTH ELEVATION	10/30/20	DRAWING No.
No.2			
No.3			
No.4			
No.5			

NW-104

© COPYRIGHT THORNTON TOMASETTI 2020

Remove loose & seal
Photo: 63

Seal
Photo: 64

3rd



FIRE ESCAPE

2nd



EAST IRON

EAST IRON

IRON SASH

EAST IRON SILL

Thornton Tomasetti

Thornton Tomasetti, Inc.
330 N. Wabash Avenue, Suite 1500
Chicago, IL 60611-7622
T:312.596.2000 F:312.596.2001

**202 SOUTH STATE STREET
CHICAGO, IL**

2020 TEMPORARY STABILIZATION REPAIRS
PROJECT: C20178 DATE: SCALE: N.T.S.

No.1	DROP 5 - NORTH ELEVATION	10/30/20	DRAWING No. N-16
No.2			
No.3			
No.4			
No.5			

© COPYRIGHT THORNTON TOMASETTI 2020

TEMPORARY STABILIZATION REPAIR RECOMMENDATION LEGEND



Rout and seal crack(s) with sealant. Color to be selected by GSA.



Remove loose material. Rout and seal associated crack(s), joints, and other exposed material (i.e. terra cotta clay body) with sealant. Color to be selected by GSA.



Remove loose material. Install plywood to cover opening with stainless steel anchors at 16" on center, 3" embedment (minimum) into sound mortar joints or sound masonry only if sound mortar joint is not present. Paint plywood in accordance with GSA specifications. Seal all joints between plywood units and upfacing and vertical joints between masonry and plywood with sealant. Colors to be selected by GSA.



Install 1/4" diameter stainless steel threaded rod, with nut and washer, set in epoxy into sound masonry backup, 3" embedment (minimum) [PIN(#) denotes number of pins]. Rout and seal associated crack(s) and seal pin embedment with sealant. Color to be selected by GSA.



Install stainless steel strap [STRAP(#) denotes number of straps], 1-inch wide stainless steel strap. Install 4 (minimum) 3/16" diameter stainless steel Tapcon anchors per strap, 2.75" long into sound mortar joint or sound masonry only if sound mortar joint is not present. Rout and seal associated crack(s) and seal anchor embedment with sealant. Color to be selected by GSA.



Install stainless steel wire mesh, type 304, 4x4 per inch, 0.047" wire diameter, with 1/4" diameter stainless steel threaded rod, with nut and washer, set in epoxy at 12" on center, 3" embedment (minimum) into sound mortar joints or into wood furring strips anchored with stainless steel 12" on center installed into sound mortar joints.



Replace cracked glass.



Grind and tuckpoint mortar joint.

GENERAL NOTES:

Repair locations shown on elevation are approximate. Refer to photo for actual location. Do not damage adjacent masonry.

Refer to Recommended Temporary Stabilization Repair Products Memorandum #01, dated October 13, 2020, for repair product information.

All work shall be performed in accordance with U.S. Department of the Interior Standards for the Treatment of Historic Properties, Brick Industry Association Technical Notes, and all other current applicable guidelines.

All drawings shall be viewed in color.

Thornton Tomasetti

PROJECT: 202&220 S STATE STREET, CHICAGO, IL

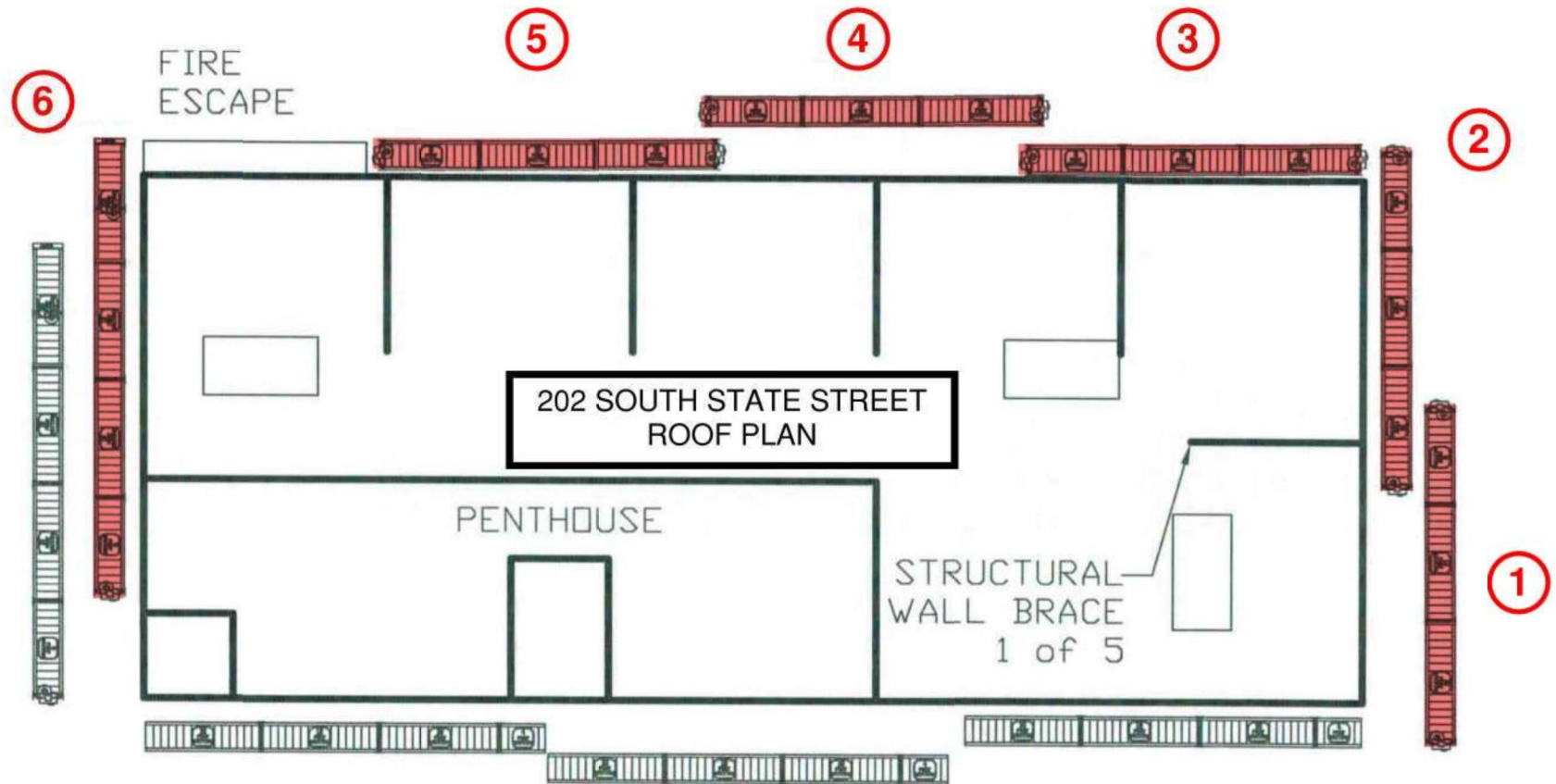
SUBJECT: 2020 TEMPORARY STABILIZATION RPR

REFERENCE: C20178.00

BY: TT

DATE: 10/30/2020

LEGEND-01



DRAWING MUST BE REVIEWED IN COLOR

Thornton Tomasetti

PROJECT: 2020 CRITICAL EXAMINATION, 220 AND 220 SOUTH STATE STREET

SUBJECT: PROPOSED DROP PLAN

REFERENCE:

BY: GH

DATE: 08/12/2020

SSK-002



Photo 1: R/S



Photo 2: Clean & paint steel channels



Photo 3: R/S



Photo 4: STRAP(2)



Photo 5: R/S



Photo 6: R/S



Photo 7: Seal



Photo 8: R/S



Photo 9: R/S

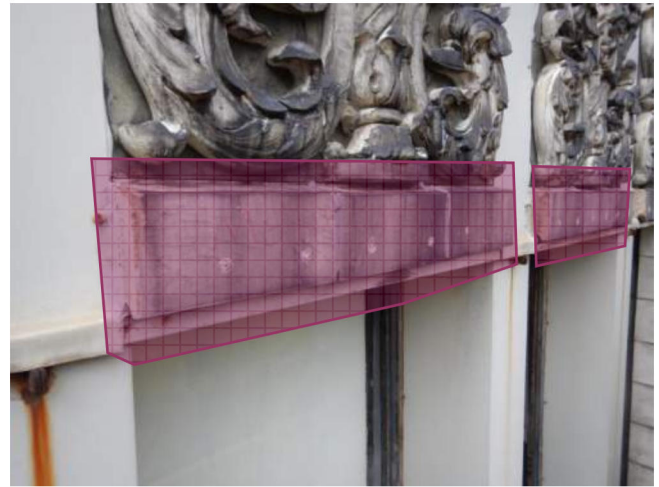


Photo 10: Install mesh (3 windows)



Photo 11: R/S



Photo 12: TP



Photo 13: TP



Photo 14: TP



Photo 15: TP+R/S



Photo 16: TP



Photo 17: TP



Photo 18: TP



Photo 19: TP



Photo 20: TP



Photo 21: TP



Photo 22: TP

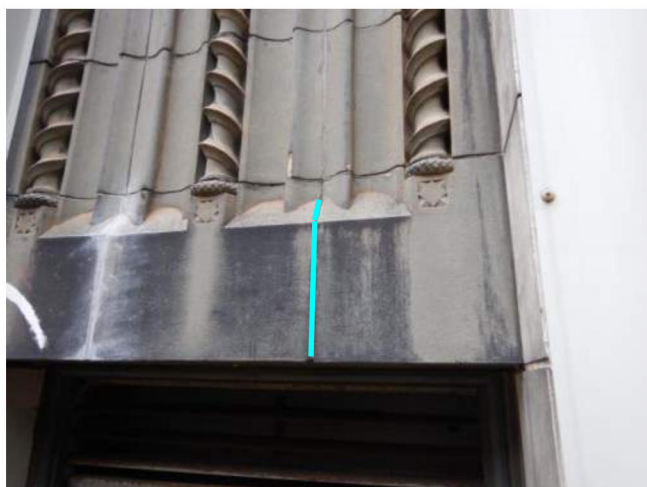


Photo 23: TP



Photo 24: TP



Photo 25: TP+R/S



Photo 26: TP

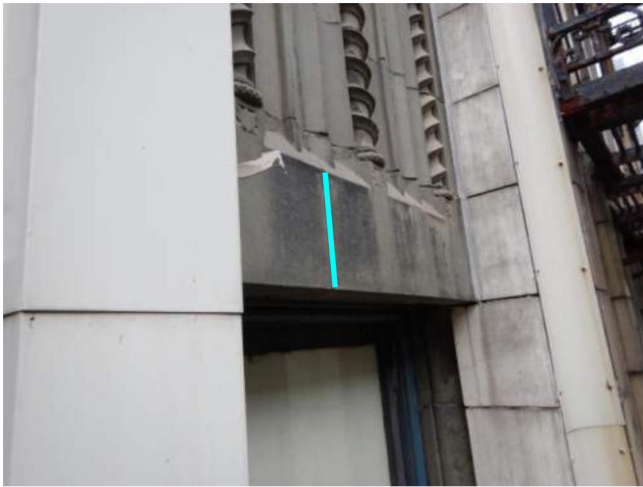


Photo 27: TP



Photo 28: TP



Photo 29: TP

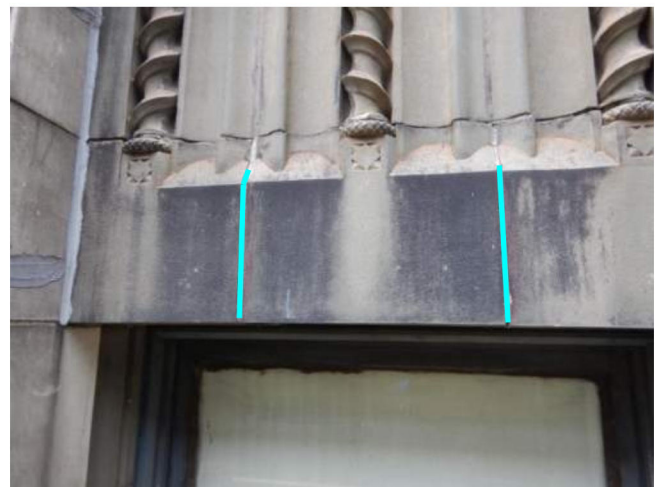


Photo 30: TP



Photo 31: TP



Photo 32: TP

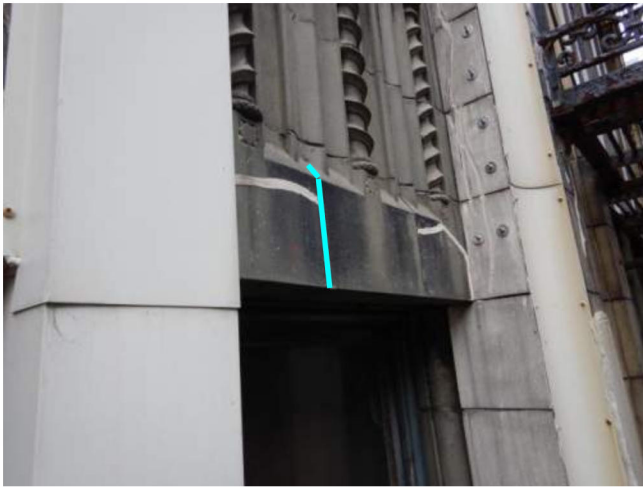


Photo 33: TP

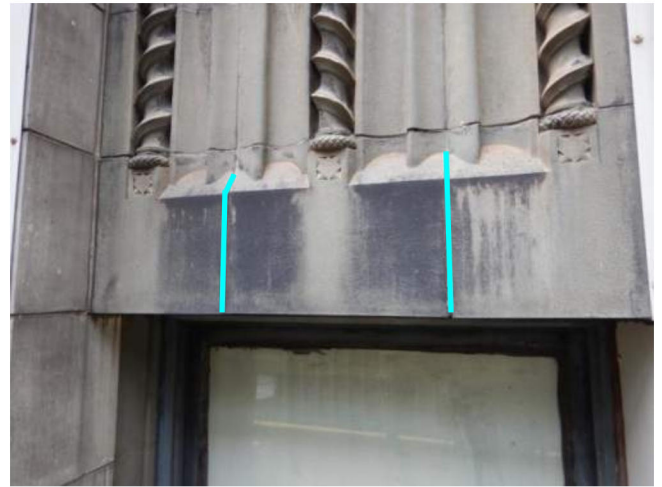


Photo 34: TP



Photo 35: TP+Seal



Photo 36: TP+Seal

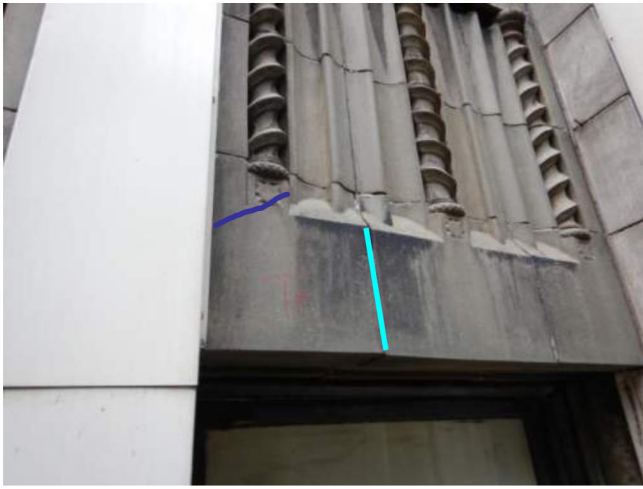


Photo 37: TP+Seal



Photo 38: TP



Photo 39: TP

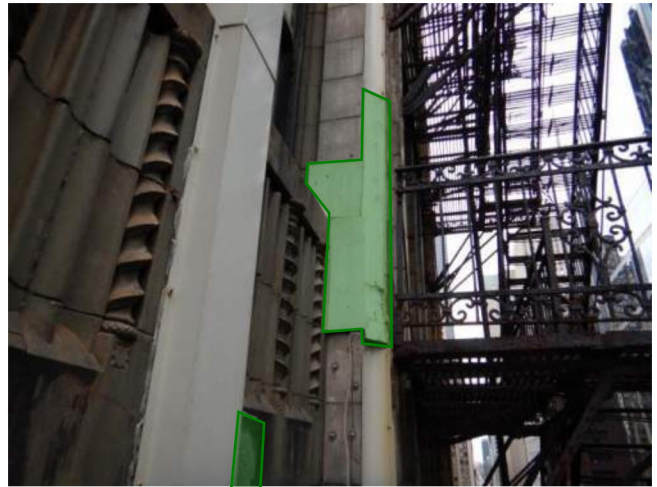


Photo 40: Replace wood



Photo 41: Replace wood



Photo 42: R/S



Photo 43: TP



Photo 44: TP



Photo 45: R/S

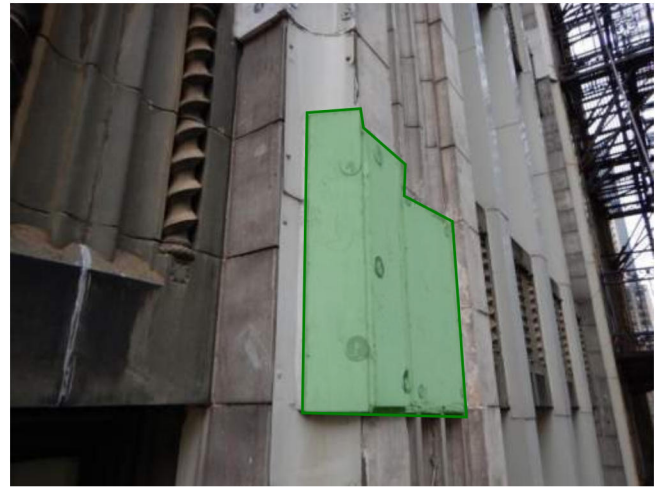


Photo 46: Replace wood



Photo 47: Remove loose & seal



Photo 48: TP+Seal



Photo 49: TP

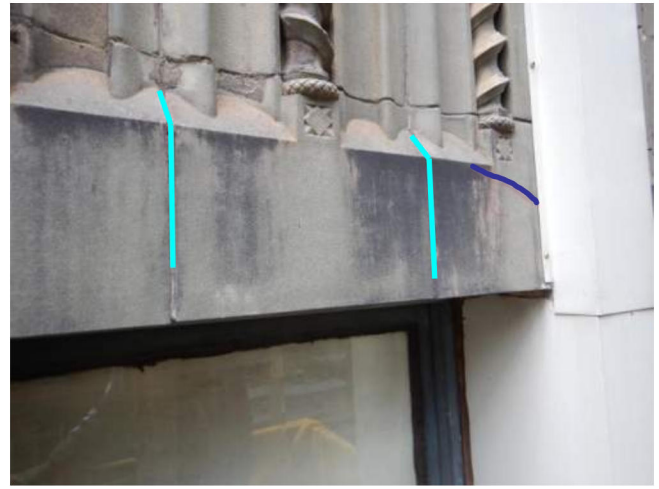


Photo 50: TP+Seal



Photo 51: TP

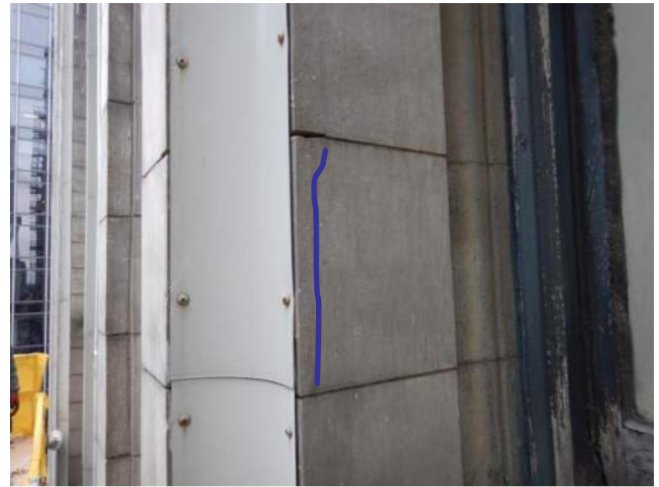


Photo 52: R/S



Photo 53: TP+Seal



Photo 54: TP



Photo 55: TP

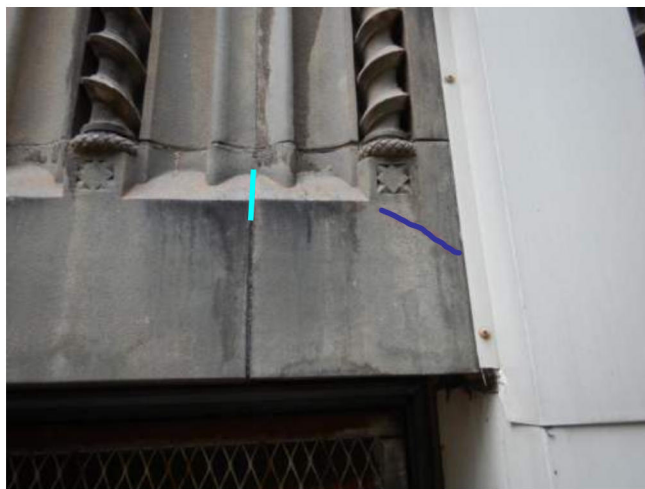


Photo 56: TP+Seal



Photo 57: Seal



Photo 58: Seal



Photo 59: TP



Photo 60: TP



Photo 61: STRAP(2)



Photo 62: R/S



Photo 63: Remove loose & seal

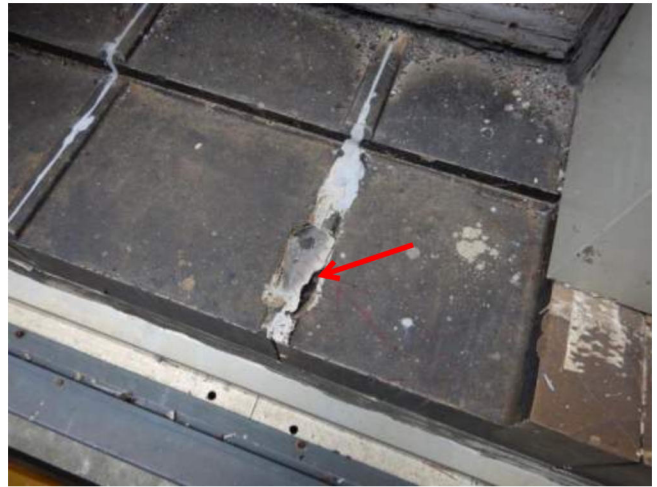
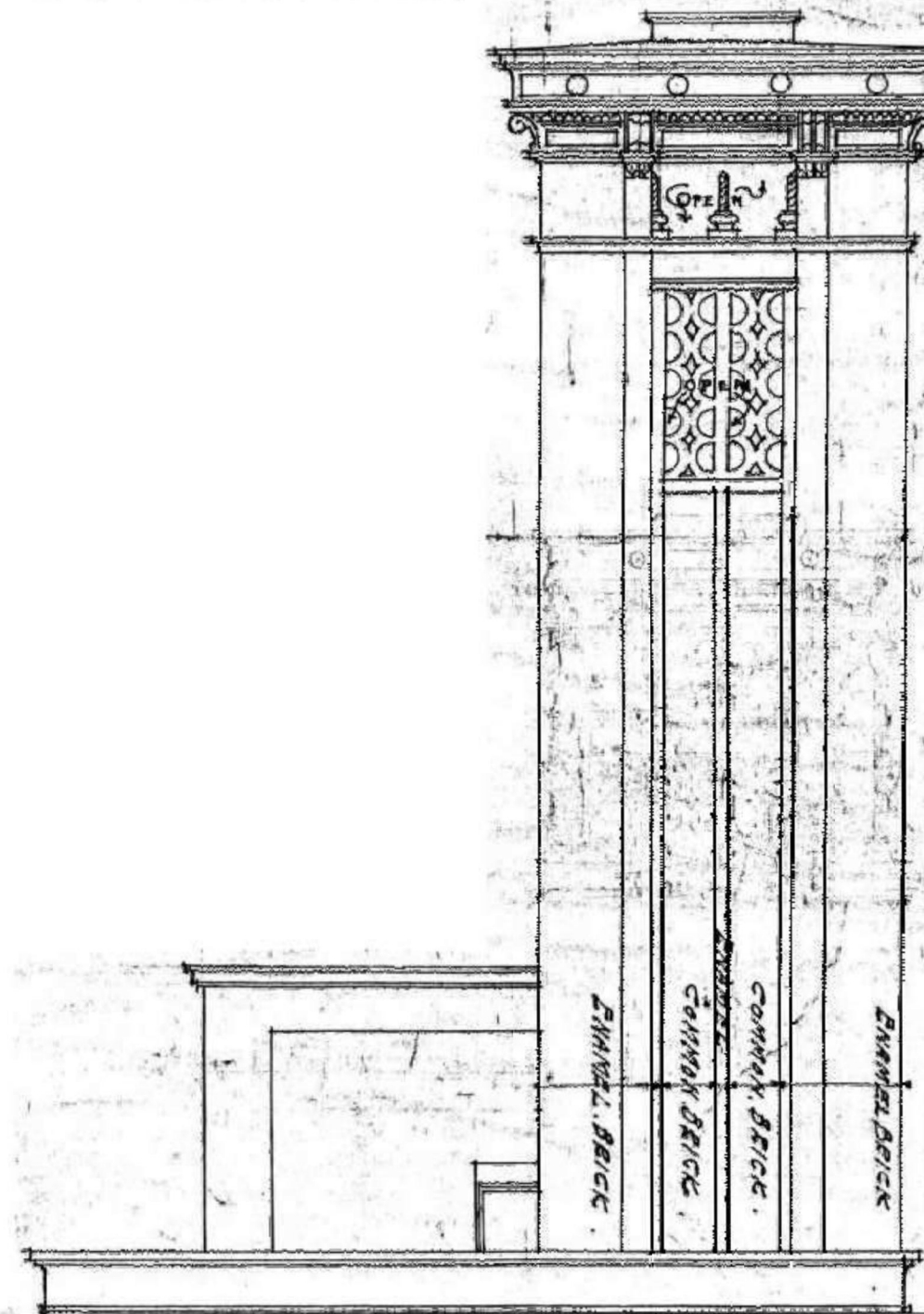


Photo 64: Seal



Thornton Tomasetti
 Thornton Tomasetti, Inc.
 330 N. Wabash Avenue, Suite 1000
 Chicago, IL 60611-7832
 T: 312.596.2000 F: 312.596.2001

**202 SOUTH STATE STREET
 CHICAGO, IL**

2020 TEMPORARY STABILIZATION REPAIRS

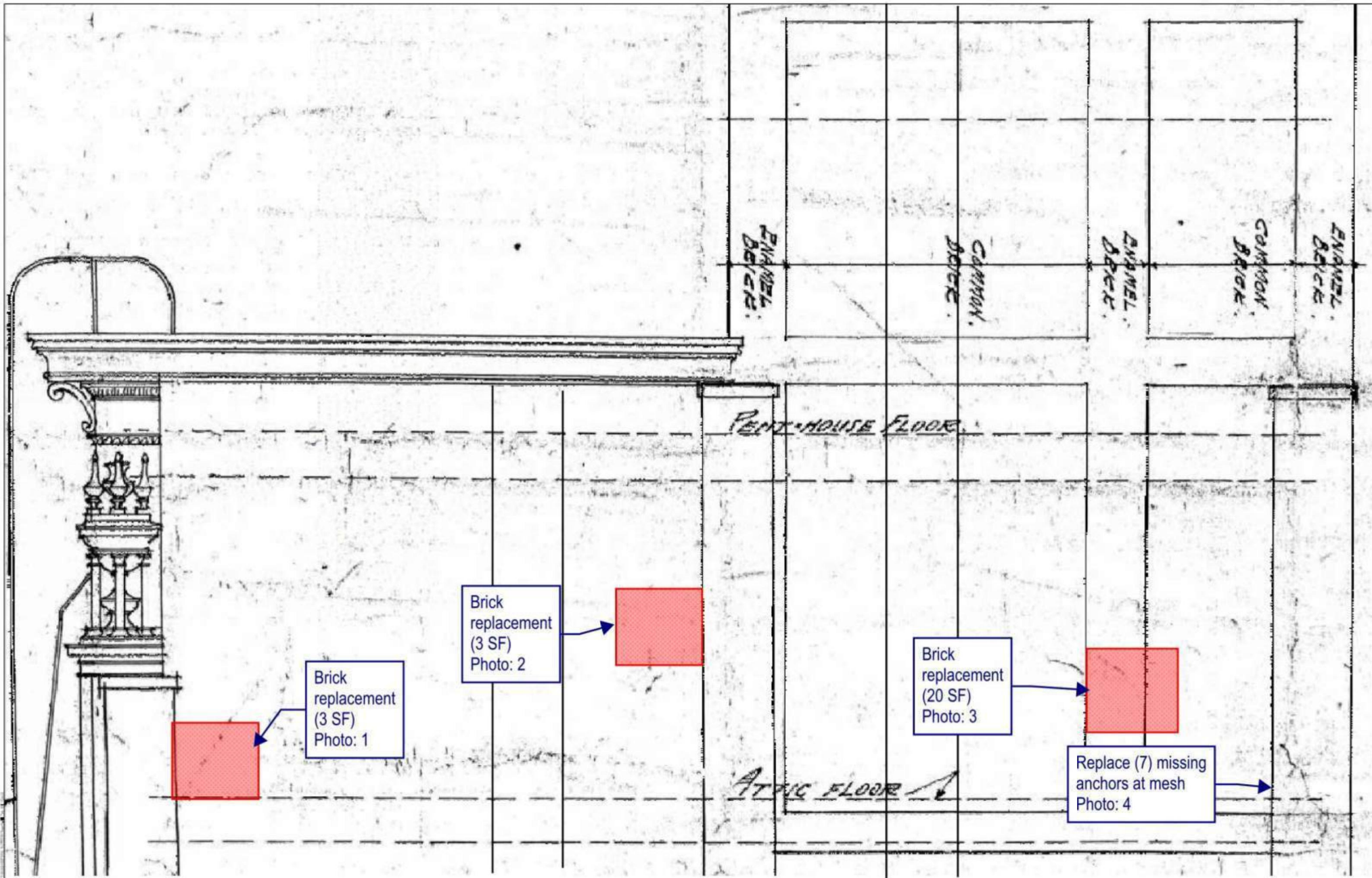
PROJECT NUMBER: C20178.00

DATE: 12/8/2020

SCALE: N.T.S.

No.1	DROP 6 - WEST ELEVATION	12/8/2020	DRAWING NUMBER W-1
No.2			
No.3			
No.4			
No.5			

© COPYRIGHT © THORNTON TOMASETTI 2020



Thornton Tomasetti
 Thornton Tomasetti, Inc.
 330 N. Wabash Avenue, Suite 1500
 Chicago, IL 60611-7622
 T:312.596.2000 F:312.596.2001

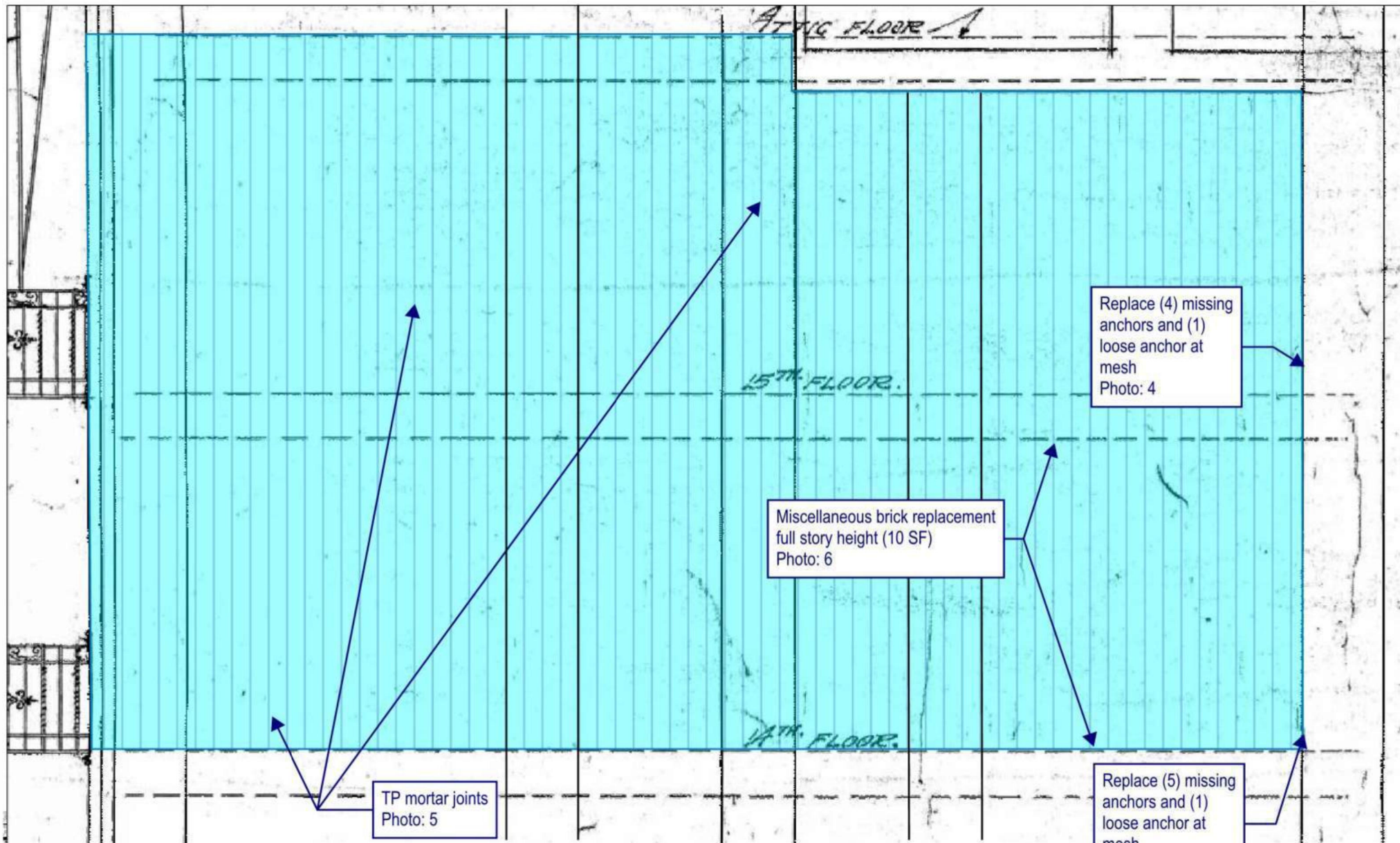
**202 SOUTH STATE STREET
 CHICAGO, IL**

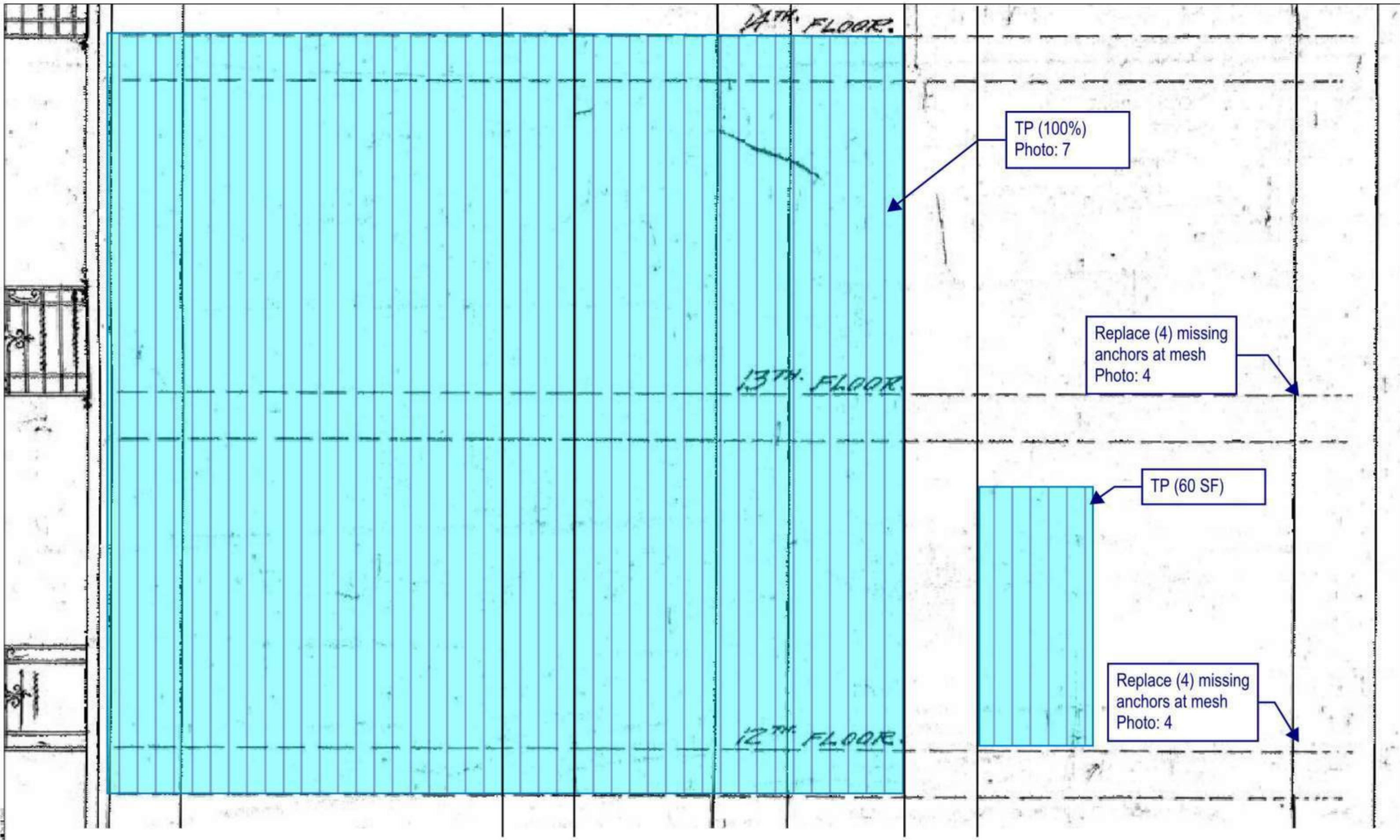
2020 TEMPORARY STABILIZATION REPAIRS
 PROJECT NUMBER: C20176.00 DATE: 12/8/2020

SCALE: N.T.S.

No.1	DROP 6 - WEST ELEVATION	12/8/2020	DRAWING NUMBER
No.2			W-2
No.3			
No.4			
No.5			
No.6			

© COPYRIGHT THORNTON TOMASETTI 2020





Thornton Tomasetti
 Thornton Tomasetti, Inc.
 330 N. Wabash Avenue, Suite 1500
 Chicago, IL 60611-7622
 T:312.596.2000 F:312.596.2001

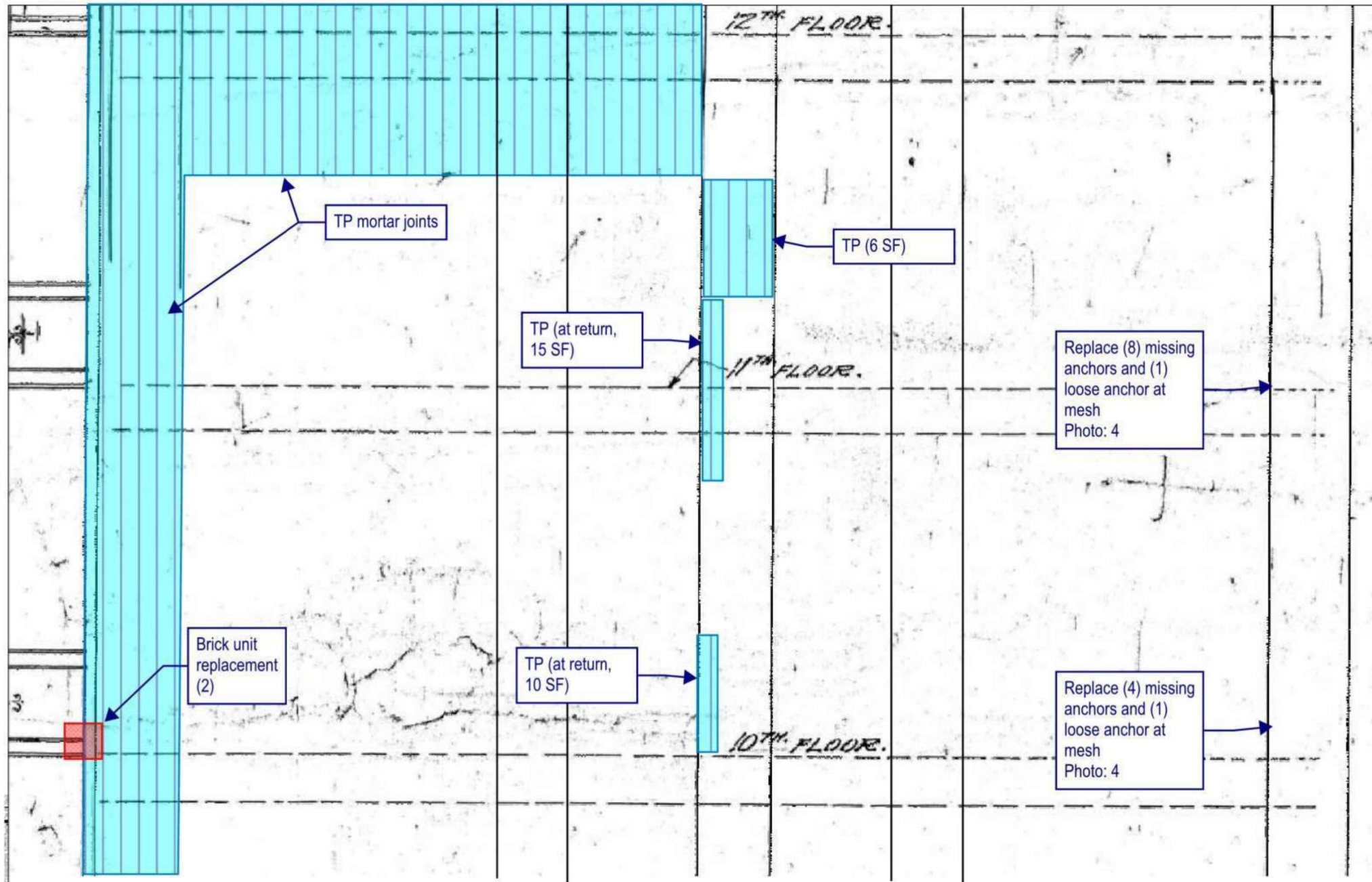
**202 SOUTH STATE STREET
 CHICAGO, IL**

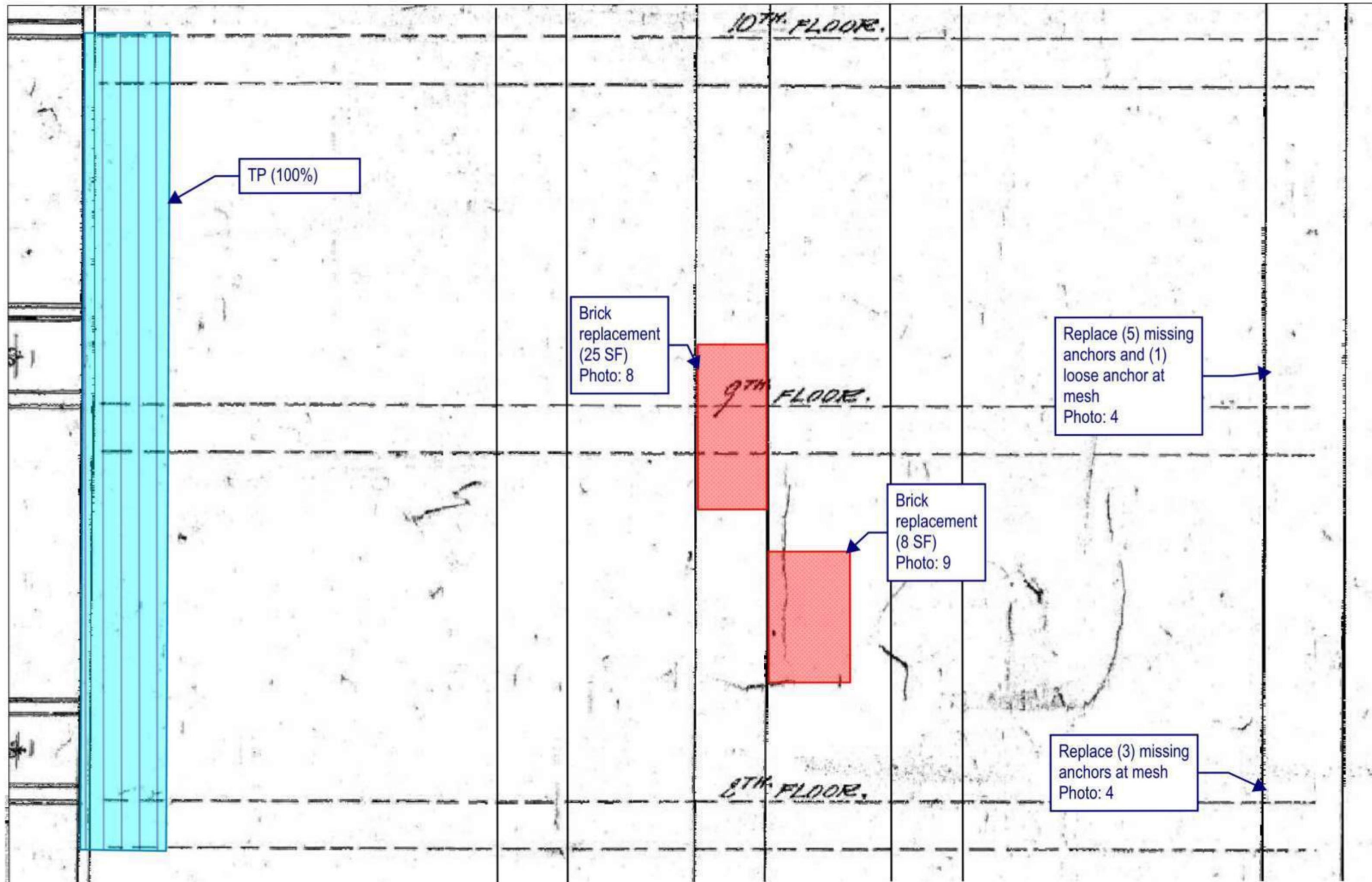
2020 TEMPORARY STABILIZATION REPAIRS
 PROJECT NUMBER: C20176.00 DATE: 12/8/2020

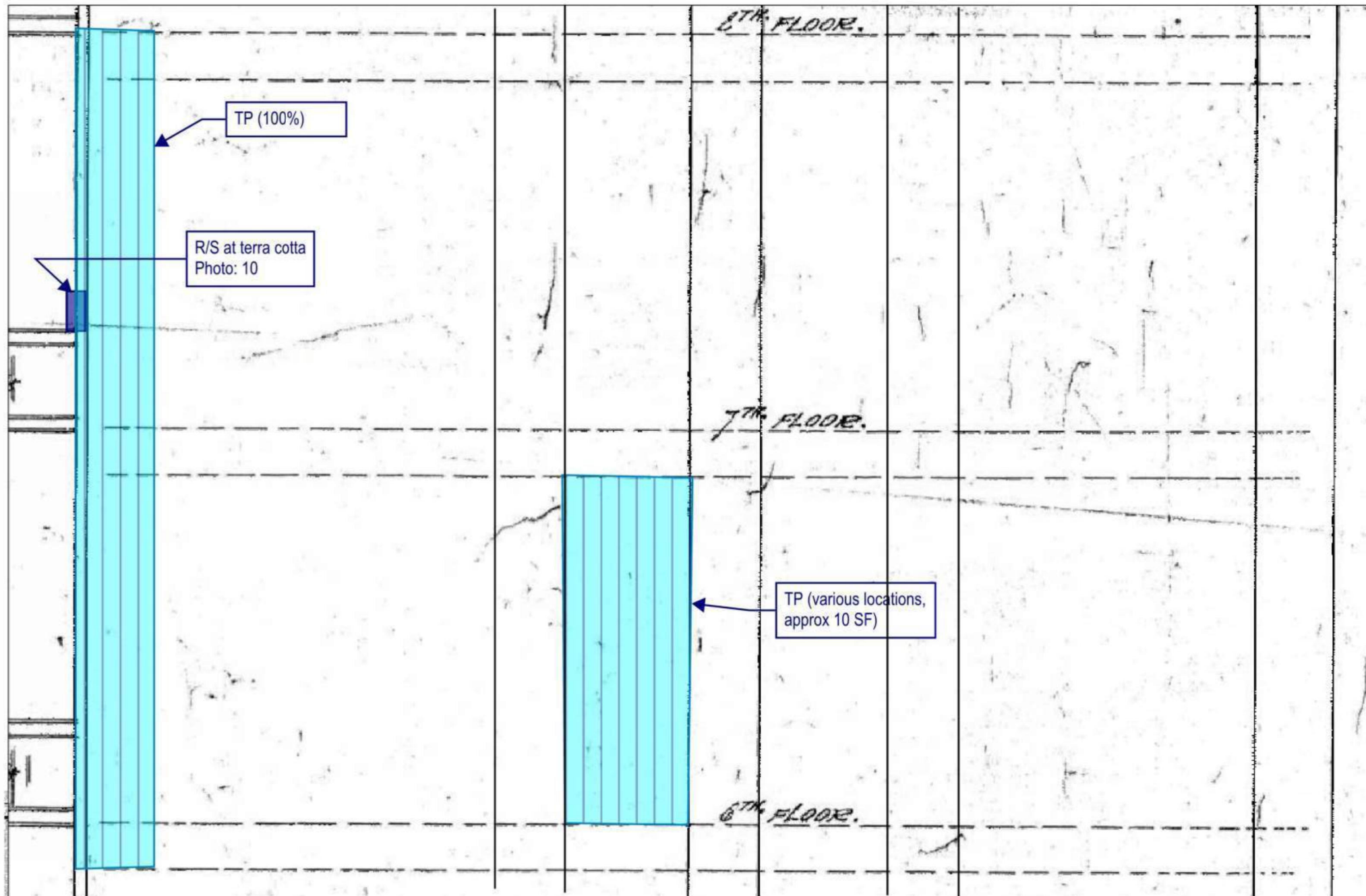
SCALE: N.T.S.

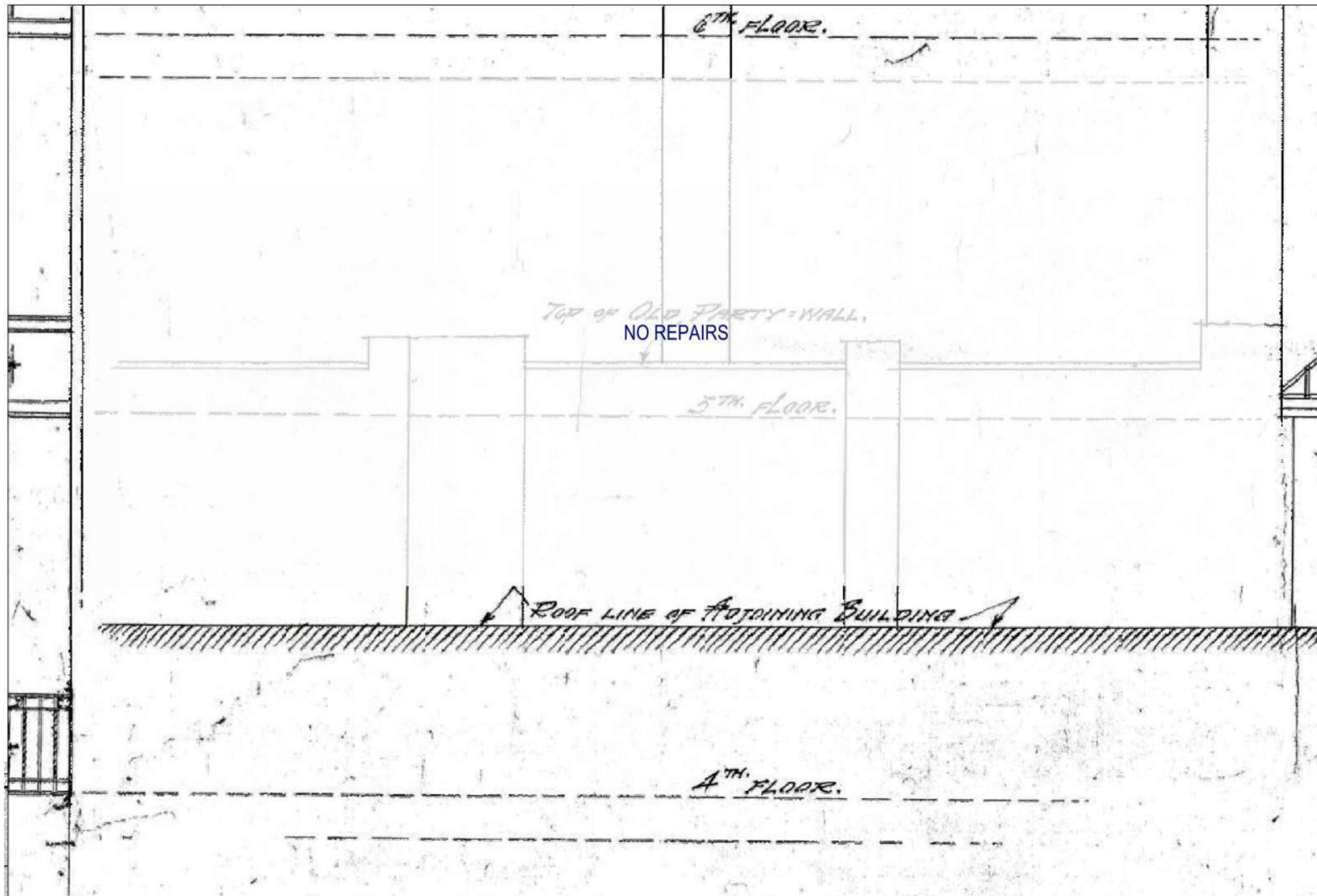
No.1	DROP 6 - WEST ELEVATION	12/8/2020	DRAWING NUMBER
No.2			W-4
No.3			
No.4			
No.5			

© COPYRIGHT THORNTON TOMASETTI 2020









Thornton Tomasetti
 Thornton Tomasetti, Inc.
 330 N. Wabash Avenue, Suite 1500
 Chicago, IL 60611-7622
 T:312.596.2000 F:312.596.2001

**202 SOUTH STATE STREET
 CHICAGO, IL**

2020 TEMPORARY STABILIZATION REPAIRS

PROJECT NUMBER: C20176.00

DATE: 12/8/2020

SCALE: N.T.S.

No.1	DROP 6 - WEST ELEVATION	12/8/2020	DRAWING NUMBER
No.2			W-8
No.3			
No.4			
No.5			

© COPYRIGHT THORNTON TOMASETTI 2020

TEMPORARY STABILIZATION REPAIR RECOMMENDATION LEGEND



Rout and seal crack(s) with sealant. Color to be selected by GSA.



Remove loose material. Rout and seal associated crack(s), joints, and other exposed material (i.e. terra cotta clay body) with sealant. Color to be selected by GSA.



Remove loose material. Install plywood to cover opening with stainless steel anchors at 16" on center, 3" embedment (minimum) into sound mortar joints or sound masonry only if sound mortar joint is not present. Paint plywood in accordance with GSA specifications. Seal all joints between plywood units and upfacing and vertical joints between masonry and plywood with sealant. Colors to be selected by GSA.



Install 1/4" diameter stainless steel threaded rod, with nut and washer, set in epoxy into sound masonry backup, 3" embedment (minimum) [PIN(#) denotes number of pins]. Rout and seal associated crack(s) and seal pin embedment with sealant. Color to be selected by GSA.



Install stainless steel strap [STRAP(#) denotes number of straps], 1-inch wide stainless steel strap. Install 4 (minimum) 3/16" diameter stainless steel Tapcon anchors per strap, 2.75" long into sound mortar joint or sound masonry only if sound mortar joint is not present. Rout and seal associated crack(s) and seal anchor embedment with sealant. Color to be selected by GSA.



Install stainless steel wire mesh, type 304, 4x4 per inch, 0.047" wire diameter, with 1/4" diameter stainless steel threaded rod, with nut and washer, set in epoxy at 12" on center, 3" embedment (minimum) into sound mortar joints or into wood furring strips anchored with stainless steel 12" on center installed into sound mortar joints.



Replace cracked glass.



Grind and tuckpoint mortar joint.

GENERAL NOTES:

Repair locations shown on elevation are approximate. Refer to photo for actual location. Do not damage adjacent masonry.

Refer to Recommended Temporary Stabilization Repair Products Memorandum #01, dated October 13, 2020, for repair product information.

All work shall be performed in accordance with U.S. Department of the Interior Standards for the Treatment of Historic Properties, Brick Industry Association Technical Notes, and all other current applicable guidelines.

All drawings shall be viewed in color.

Thornton Tomasetti

PROJECT: 202&220 S STATE STREET, CHICAGO, IL

SUBJECT: 2020 TEMPORARY STABILIZATION RPR

REFERENCE: C20178.00

BY: TT

DATE: 10/30/2020

LEGEND-01